

8. Example: Production of Anti-MKK Antibodies and Immunoprecipitation of MKK Antibodies and Immunoprecipitation of MKK

B⁸ Antibodies recognizing MKK1 and MKK2 protein were made in rabbits using standard procedures. The anti-carboxy terminus MKK1 antibody was generated using the synthetic peptide GQDADGSTSPRSQEP (SEQ ID NO 22). The amino-terminus MKK1 Ab was generated using a GST-fusion proteins containing 78 amino acids coded by the SmaI to BG12 fragment of the MKK1 gene. The anti-carboxy terminus MKK2 Ab was made using a synthetic peptide corresponding to the sequence QQLSSIEPLREKDKH (SEQ ID NO 23).

In the Claims:

In accordance with 37 CFR § 1.121, please substitute for original claims 15, 17, and 19 the following rewritten versions of the same claims, as amended. The changes are shown explicit in the attached "Version with Markings to Show Changes Made."

B⁹ 15. (Amended) The isolated recombinant MKK1 of Claim 14 comprising the amino acid sequence depicted in Figures 1A and 1B (SEQ ID NOS 1-2).

B¹⁰ 17. (Amended) The isolated recombinant MKK2 of Claim 16 comprising the amino acid sequence depicted in ~~Figures 2A and 2B~~ (SEQ ID NOS 3-4).

B¹¹ 19. (Amended) The isolated recombinant MKK3 of Claim 18 comprising the amino acid sequence depicted in Figures 3A and 3B (SEQ ID NOS 5-6).

REMARKS

Applicant respectfully requests that the foregoing amendments be made prior to examination of the present application.

Applicant believes that the present application is now in condition for allowance. Favorable consideration of the application as amended is respectfully requested.